

## CONTINUATION SHEET

### SECTION 00102 LIST OF DRAWINGS

#### 1.2 CONTRACT DRAWINGS

Sketches SKA-002, SKE-3, SKE-4, SKE-5, SKE-6, SKE-7 and SKE-8 are added to the list of drawings. These sketches accompany this amendment.

#### **On NAVFAC Drawing Number 12715938 (ES101)**

DELETE 6 poles and luminaires along sidewalk closest to building along with associated conduit and wire.

### SECTION 01 45 00.00 20 QUALITY CONTROL

#### 1.5 QC ORGANIZATION

##### 1.5.5.1 Civil QC Specialists

DELETE the PAVEMENT INSPECTOR in its entirety and REPLACE with the following:

| Qualification/Experience in Area of Responsibility   | Area of Responsibility         | Frequency                              |
|--|--------------------------------|--|
| Pavement Inspector (Supervisory Employee of Paving Subcontractor and minimum of 5 years of paving experience)  | Bituminous and Concrete Paving | Full Time during Pavement Construction |
| Paver Inspector (Paver Manufacturer's Certified Installer or an International Concrete Paver Institute Certified Concrete Paver Installer; minimum of 3 years of experience installing pavers) | Permeable Concrete Pavers      | Full Time during Paver Installation    |

### SECTION 01 57 19.01 20 SUPPLEMENTAL TEMPORARY ENVIRONMENTAL CONTROLS

#### 1.3 SUBMITTALS

DELETE "SD-03 Product Data Internal Combustion Engines" in its entirety.

## **SECTION 23 05 93 TESTING, ADJUSTING, AND BALANCING FOR HVAC**

### **3.5 Indoor Air Quality Construction Management Procedures**

DELETE Paragraph "3.5.b.1" in its entirety and REPLACE it with the following paragraph:

"3.5.b.

1. Post-Construction, Pre-Occupancy Flush-Out: A total air volume of outdoor air in total air changes as defined by Equation 10.3.1.4 of ASHRAE 189.1 shall be supplied while maintaining an internal temperature of a minimum of 60 degrees F (15 degrees C) and relative humidity no higher than 60%. This results in a total of 300 air changes in the building while operating ERV-1 at 4885 cfm of outdoor air for 24 hours a day for 14 days. When complete, submit post construction, pre-occupancy flush out report indicating building has been flushed out."

## **SECTION 27 10 00 BUILDING TELECOMMUNICATIONS**

### **2.8 TESTS, INSPECTIONS, AND VERIFICATIONS**

ADD the following paragraph:

"2.8.1 Factory Reel Tests

Provide documentation of the testing and verification actions taken by manufacturer to confirm compliance with TIA-568-C.1, TIA-568-C.2, TIA-568-C.3 cables."

## **SECTION 27 10 00 BUILDING TELECOMMUNICATIONS**

ADD the following paragraphs:

"2.9 TELECOMMUNICATIONS OUTLET/CONNECTOR ASSEMBLIES

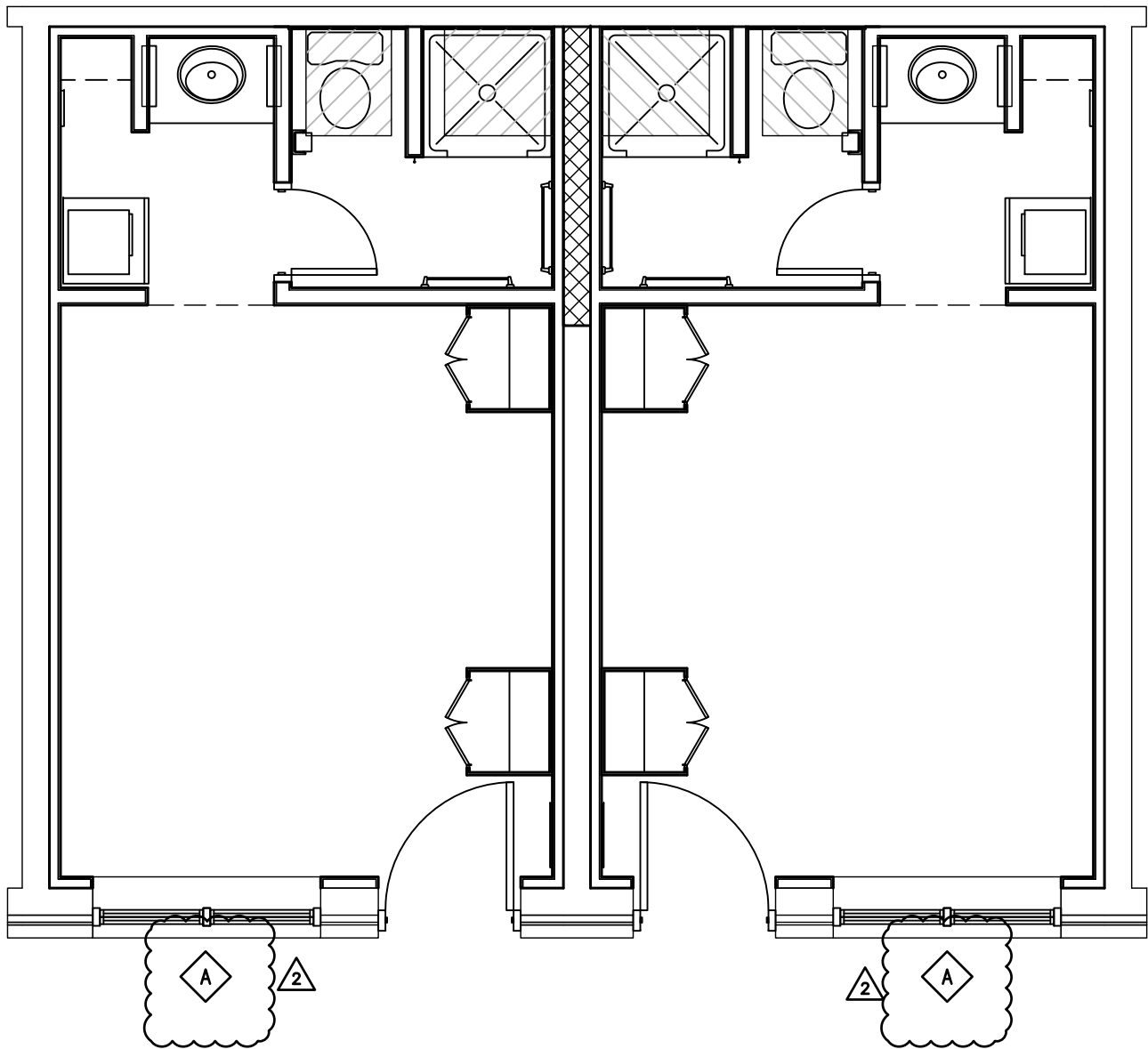
### **2.9.1 Outlet/Connector Copper**

Outlet/connectors shall comply with FCC Part 68, TIA-568-C.1, and TIA-568-C.2. UTP outlet/connectors shall be UL 1863 listed, non-keyed, 8-pin modular, constructed of high impact rated thermoplastic housing and shall be third party verified and shall comply with TIA-568-C.2 Category 6 requirements. Outlet/connectors provided for UTP cabling shall meet or exceed the requirements for the cable provided. Outlet/connectors shall be terminated using a Type 110 IDC PC board connector, color-coded for both T568A and T568B wiring. Each outlet/connector shall be wired T568A or T568B. UTP outlet/connectors shall comply with TIA-568-C.2 for 200 mating cycles.

### **2.9.2 Cover Plates**

Telecommunications cover plates shall comply with UL 514C, TIA-568-C.1 and TIA-568-C.2; flush design constructed of high impact thermoplastic material to match color of receptacle/switch cover plates specified in Section 26 20 00 INTERIOR DISTRIBUTION SYSTEM. Provide labeling in accordance with the paragraph LABELING in this section."

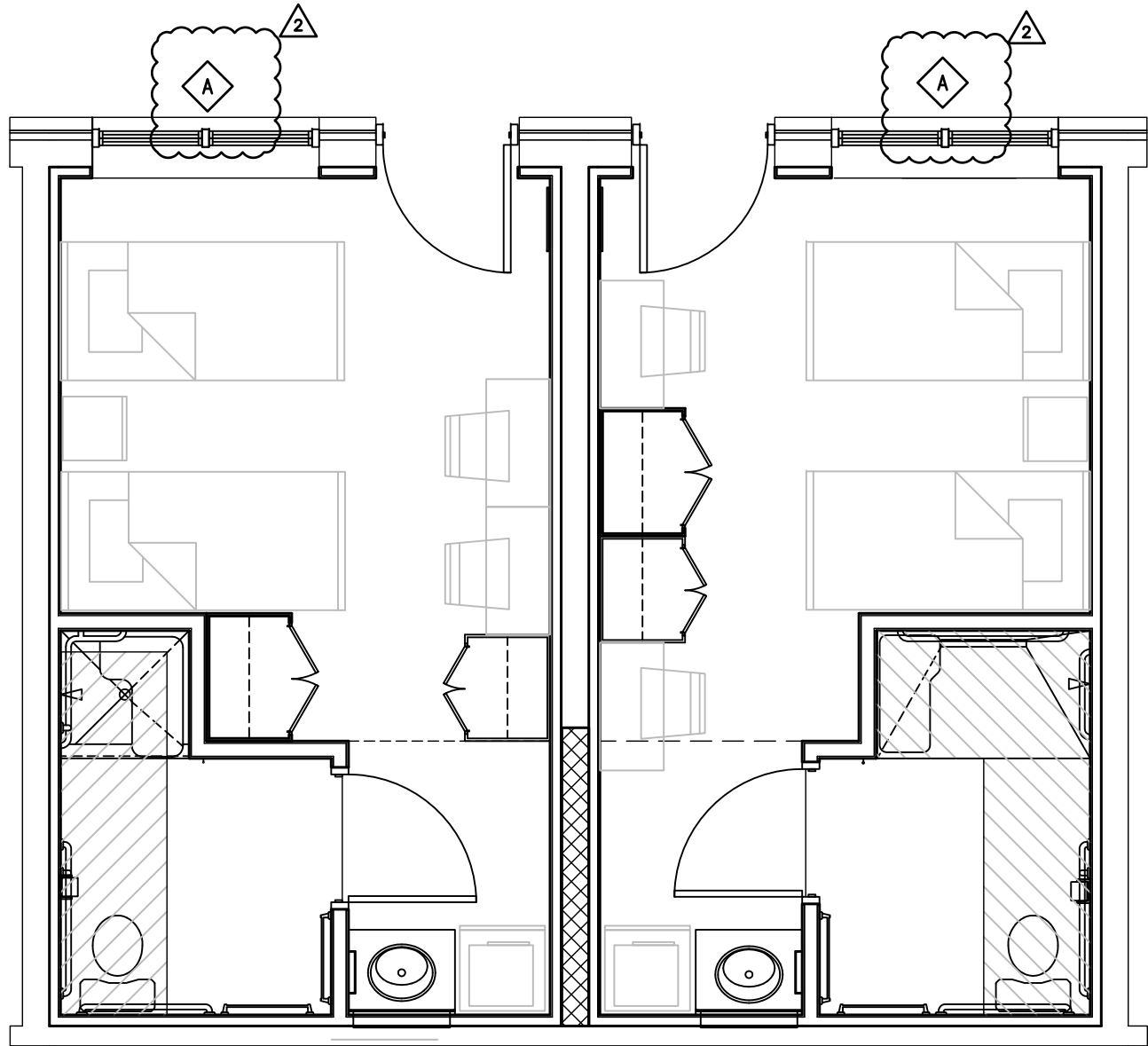
FILE NAME: P:\PROJECTS\PMC\15015 BLDG 351 NWA\CAD\A\BUDG0351-1293116-A-403.dwg LAYOUT NAME: SKA-002 PLOTTED: Friday, May 20, 2016 - 10:43am



**A1** TYPICAL ENLARGED SLEEPING ROOM  
1/4" = 1'-0"

A-103, A-104, A-105

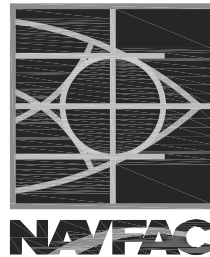
**GRAPHIC SCALES:**



**A3** TYPICAL ENLARGED ACCESSIBLE SLEEPING ROOM  
1/4" = 1'-0"















A-103

|  |                  |
|--|------------------|
| DEPARTMENT OF THE NAVY<br>NAVAL FACILITIES ENGINEERING COMMAND<br>NAVFAC MIDLANT<br>HAMPTON ROADS IPT<br>NAVAL STATION NORFOLK, VIRGINIA |                  |
| E PROJECTS NO.: 1293116  |                  |
| MAXIMO NO.:  |                  |
| JOB NO.:   | DATE: 05/20/2016 |
| CHECKED: ERR   | DESIGNED:        |
| DRAWN: TBB   | QC:              |



|  |                                     |
|--|-------------------------------------|
| ENLARGED TYPICAL SLEEPING ROOMS WINDOW TYPES         |                                     |
| NAVSUPPORT NORTHWEST ANNEX                           | CHESAPEAKE, VA                      |
| REPAIR AND RENOVATE BARRACKS 351                     |                                     |
| THIS DRAWING REVISES IN PART DRAWING NO.<br>12715841 | SUPPLEMENTAL DRAWING NO.<br>SKA-002 |

FILE NAME: P:\15047 Bldg 351 NW\CAD\Bldg0351-1293116-E-604.dwg LAYOUT NAME: 12715955 SKE-3 PLOTTED: Monday, May 23, 2016 - 11:41am

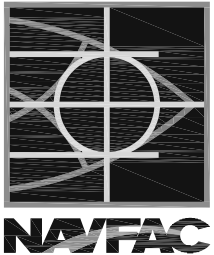
| LUMINAIRE SCHEDULE  |                   |                   |         |                  |                                      |
|---|-------------------|-------------------|---------|------------------|--------------------------------------|
| FIXTURE SYMBOL  | SKETCH NO. & TYPE | LIGHT ENGINE      | VOLTAGE | MOUNTING         | NOTES                                |
|    | VG-8              | 5400 LM MIN. LED  | 120     | SURFACE; CEILING | DIRECT/INDIRECT RECESSED LED 2' X 4' |
|    | VG-11             | 3500 LM MIN. LED  | 120     | SURFACE; CEILING | 1' X 4' LED TROFFER                  |
|    | VG-33             | 1175 LM MIN. LED  | 120     | RECESSED         | RECESSED LED DOWN LIGHT              |
|    | VG-19             | 5800 LM MIN. LED  | 120     | VERTICAL SURFACE | DAMP/WET LOCATION LED 1' X 4'        |
|    | VG-24             | LED               | 120     | SURFACE; WALL    | 2' LED VANITY LIGHT                  |
|    | VG-24             | LED               | 120     | SURFACE; WALL    | 4' LED WALL LIGHT                    |
|    | VG-38             | 1175 LM MIN. LED  | 120     | RECESSED         | RECESSED LED SHOWER LIGHT            |
|    | NL-63             | LED               | 120     | UNIVERSAL        | LED EXIT LIGHT                       |
|   | NL-67             | LED               | 120     | SURFACE          | EMERGENCY LIGHTING UNIT              |
|  | -                 | 2138 LM MIN. LED  | 120     | SURFACE          | EXTERIOR LED FIXTURE                 |
|  | VGX-5             | 13000 LM MIN. LED | 208     | XL-25C ARM       | TYPE 5W DIST. MOUNT ON XL-14E        |
|  | VGX-5             | 6100 LM MIN. LED  | 208     | XL-25C ARM       | TYPE 3 DIST. MOUNT ON XL-14E         |
|  | VG-46             | 5000 LM MIN. LED  | 120     | SURFACE; WALL 6' | LED WALL SCONCE                      |
|  | VG-14             | LED               | 120     | SURFACE; CEILING | 4' LED STRIP LIGHT                   |
|   |                   |                   |         |                  |                                      |

2

DEPARTMENT OF THE NAVY  
NAVAL FACILITIES ENGINEERING COMMAND  
NAVFAC MIDLANT  
HAMPTON ROADS IPT  
NAVAL STATION  
NORFOLK, VIRGINIA

E PROJECTS NO.: 1293116  
MAXIMO NO.:  
JOB NO.:  
CHECKED: TBS  
DRAWN: SLP

DATE: 5/20/2016  
DESIGNED: SLP  
QC: TBS



REVISED LUMINAIRE SCHEDULE

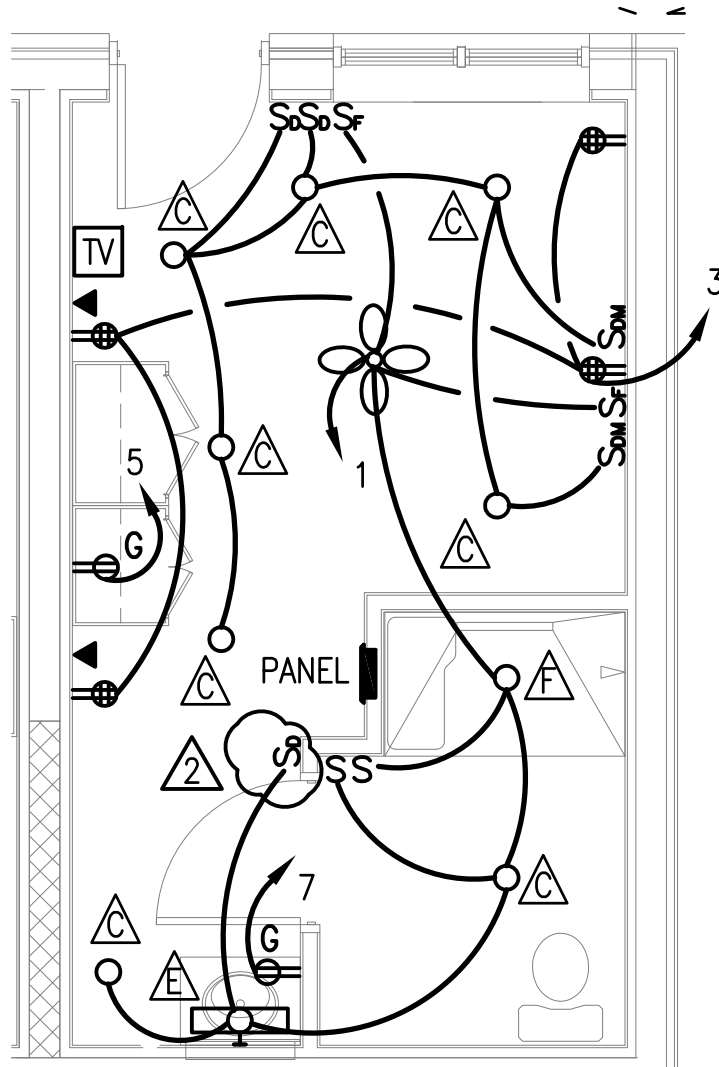
NAVSUPPORT NORTHWEST ANNEX  
REPAIR AND RENOVATE  
BARRACKS 351

CHESAPEAKE, VA

THIS DRAWING REVISES IN PART DRAWING NO.  
12715955

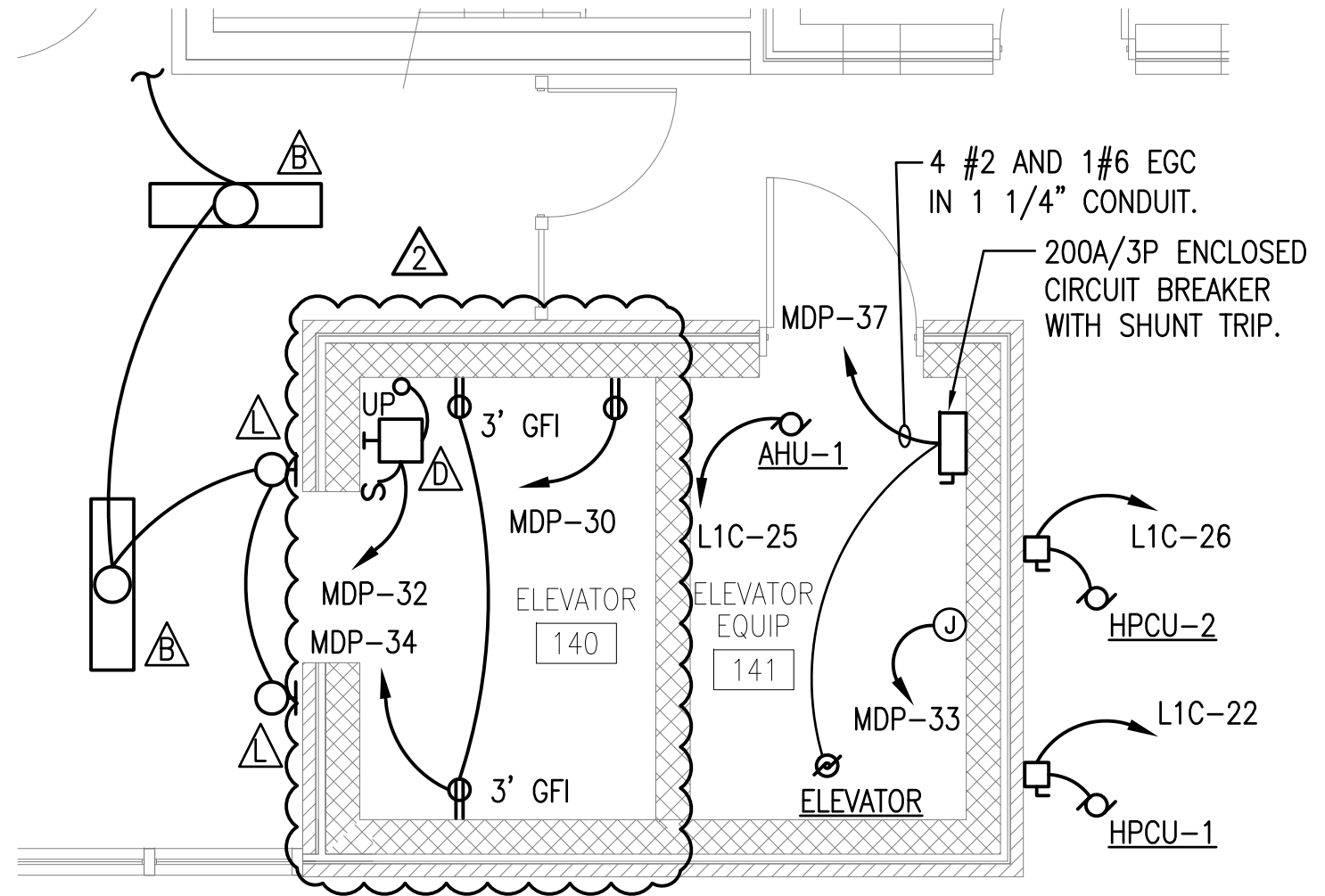
SUPPLEMENTAL DRAWING NO.  
SKE-3

FILE NAME: P:\15047 Bldg 351 NW\CAD\15047-1293116-E-401.dwg LAYOUT NAME: 12715948 SKE-4 PLOTTED: Tuesday, May 24, 2016 - 9:57am

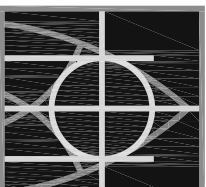


PROVIDE VISIBLE NOTIFICATION DEVICE TO ALERT ROOM OCCUPANTS OF INCOMING TELEPHONE CALLS AND A DOOR KNOCK OR BELL

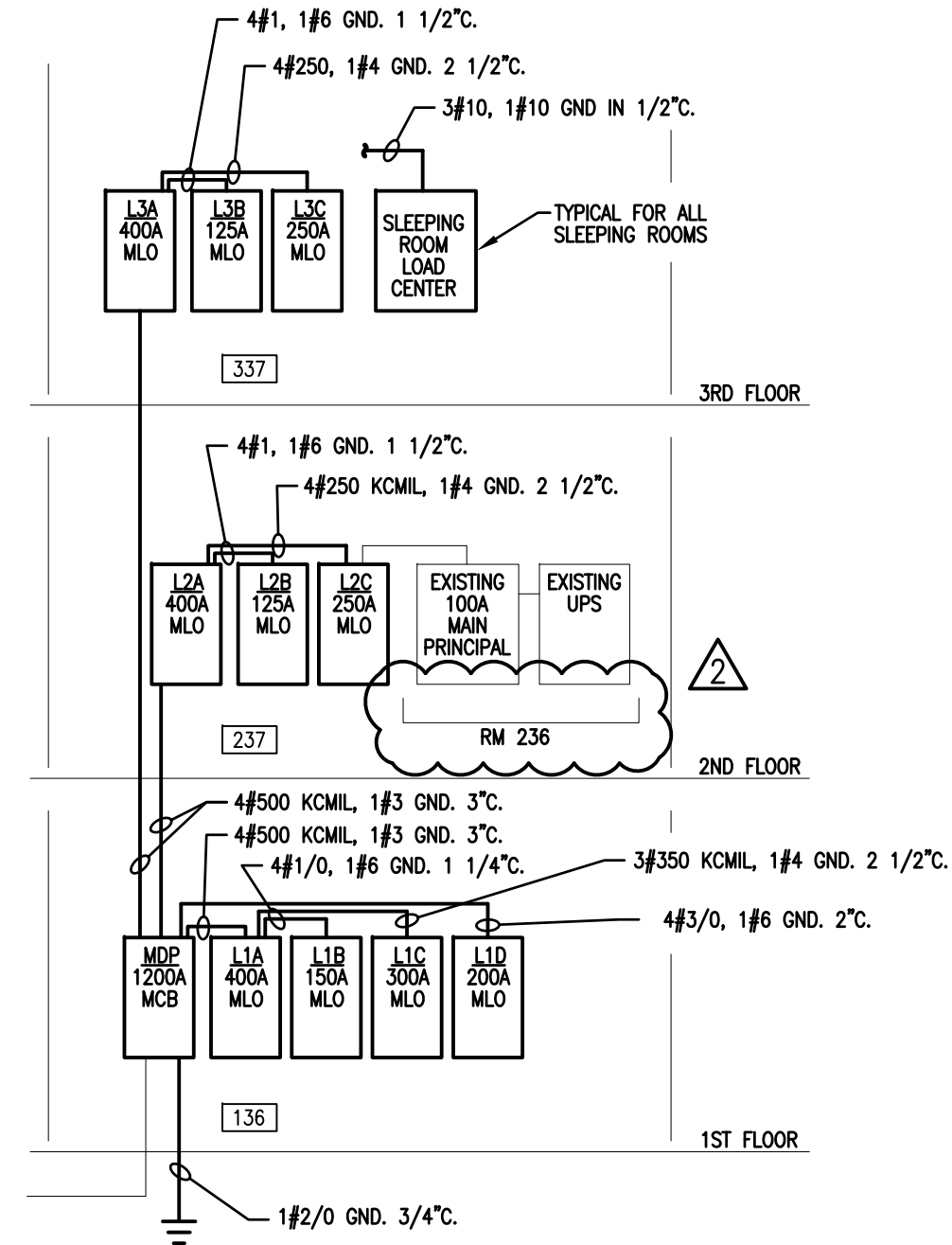
**C3** TYPICAL ENLARGED ACCESSIBLE SLEEPING ROOM ELECTRICAL PLAN  
SCALE: 1/4" = 1'-0" E-101



**C4** ENLARGED ELEVATOR PLAN  
SCALE: 1/4" = 1'-0" E-104

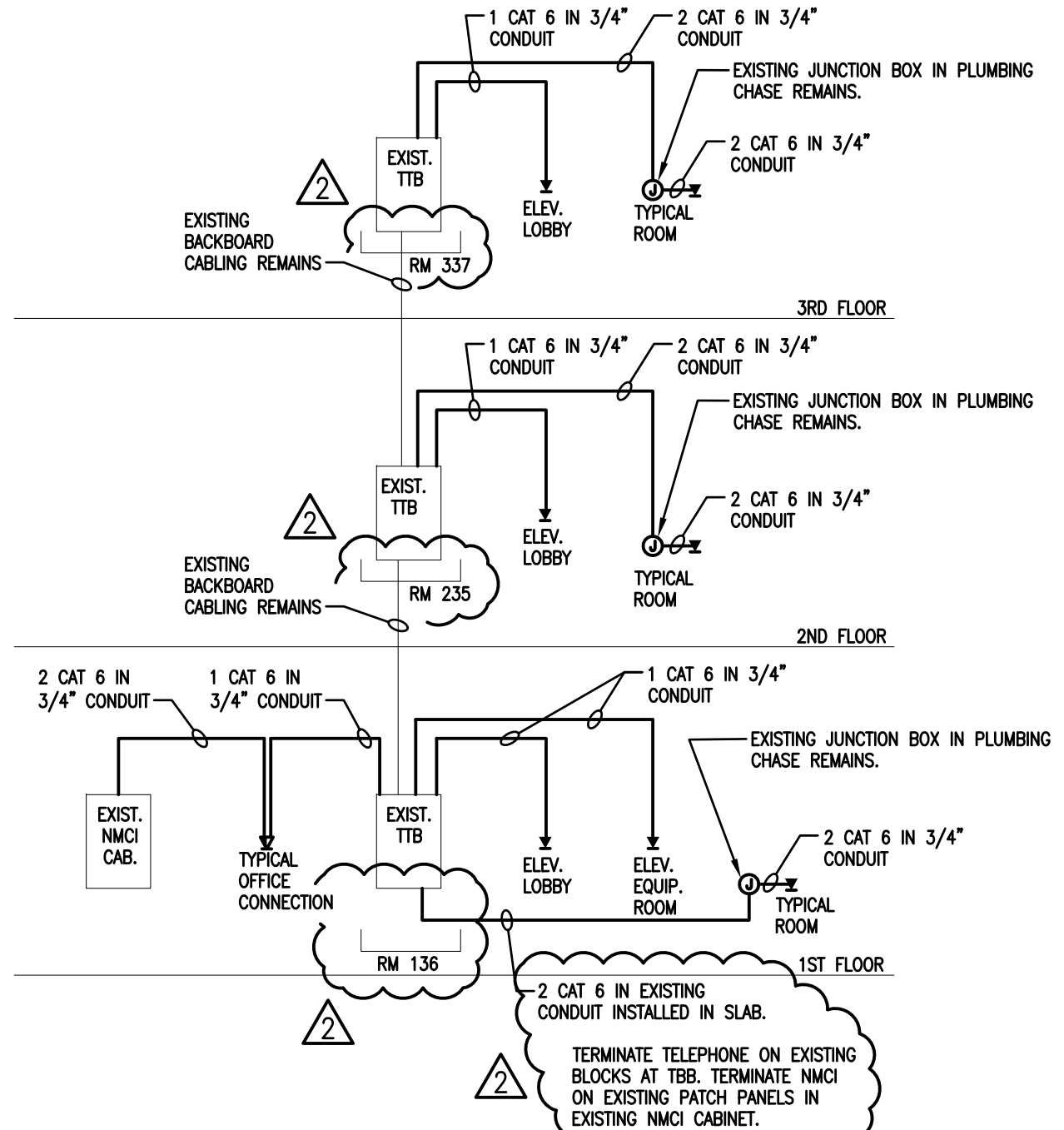
|  |                 |  |  |                                       |
|--|-----------------|--|--|---------------------------------------|
| DEPARTMENT OF THE NAVY<br>NAVAL FACILITIES ENGINEERING COMMAND<br>NAVFAC MIDLANT<br>HAMPTON ROADS IPT<br>NAVAL STATION NORFOLK, VIRGINIA |                 | <br><b>NAVFAC</b> | CHANGE VANITY LIGHT SWITCH TO A DIMMER SWITCH            |                                       |
| E PROJECTS NO.: 1293116  |                 |  | NAVSUPPORT NORTHWEST ANNEX CHESAPEAKE, VA                |                                       |
| MAXIMO NO.:  |                 |  | REPAIR AND RENOVATE<br>BARRACKS 351                      |                                       |
| JOB NO.:   | DATE: 5/20/2016 |  | THIS DRAWING REVISES IN PART DRAWING NO.<br><br>12715948 | SUPPLEMENTAL DRAWING NO.<br><br>SKE-4 |
| CHECKED: TBS   | DESIGNED: SLP   |  |  |                                       |
| DRAWN: SLP   | QC: TBS         |  |  |                                       |

FILE NAME: P:\15047 Bldg 351 NW\CAD\1293116-E-604.dwg LAYOUT NAME: 12715955 SKE-5 PLOTTED: Monday, May 23, 2016 - 11:55am



## NEW WORK POWER RISER DIAGRAM

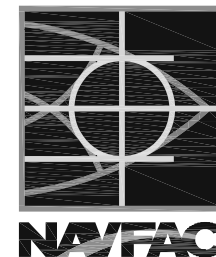
NOT TO SCALE



## TELECOMMUNICATIONS RISER DIAGRAM

NOT TO SCALE

|  |                 |
|--|-----------------|
| DEPARTMENT OF THE NAVY<br>NAVAL FACILITIES ENGINEERING COMMAND<br>NAVFAC MIDLANT<br>HAMPTON ROADS IPT<br>NAVAL STATION NORFOLK, VIRGINIA |                 |
| E PROJECTS NO.: 1293116  |                 |
| MAXIMO NO.:  |                 |
| JOB NO.:   | DATE: 5/20/2016 |
| CHECKED: TBS   | DESIGNED: SLP   |
| DRAWN: SLP   | QC: TBS         |



## REVISED LUMINAIRE SCHEDULE

NAVSUPPORT NORTHWEST ANNEX CHESAPEAKE, VA  
REPAIR AND RENOVATE  
BARRACKS 351

THIS DRAWING REVISES IN PART DRAWING NO.

12715955

SUPPLEMENTAL DRAWING NO.

SKE-5

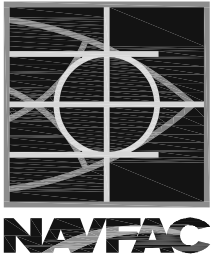
- ▽

TELECOMMUNICATIONS OUTLET FOR NMCI AND TELEPHONE, WALL MOUNT 18" AFF UON. PROVIDE ONE NIPRNET OUTLET (GREEN) & ONE VOICE OUTLET (GRAY) IN SAME BOX.
- ▽

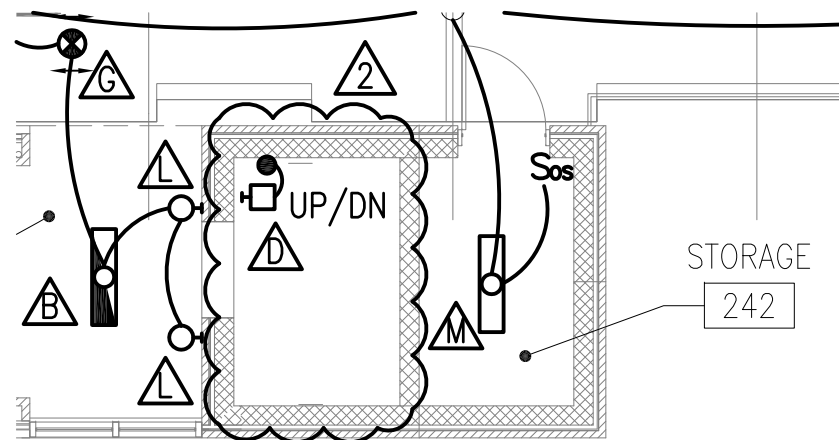
TELECOMMUNICATIONS OUTLET FOR TELEPHONE, WALL MOUNT 18" AFF UON. PROVIDE TWO VOICE OUTLETS (GRAY) IN SAME BOX.
- TV

CATV OUTLET – 3/4" EMPTY CONDUIT TO EXISTING JUNCTION BOX IN PLUMBING CHASE.
- 2

|  |                 |
|--|-----------------|
| DEPARTMENT OF THE NAVY<br>NAVAL FACILITIES ENGINEERING COMMAND<br>NAVFAC MIDLANT<br>HAMPTON ROADS IPT<br>NAVAL STATION NORFOLK, VIRGINIA |                 |
| E PROJECTS NO.: 1293116  |                 |
| MAXIMO NO.:  |                 |
| JOB NO.:   | DATE: 5/20/2016 |
| CHECKED: TBS   | DESIGNED: SLP   |
| DRAWN: SLP   | QC: TBS         |

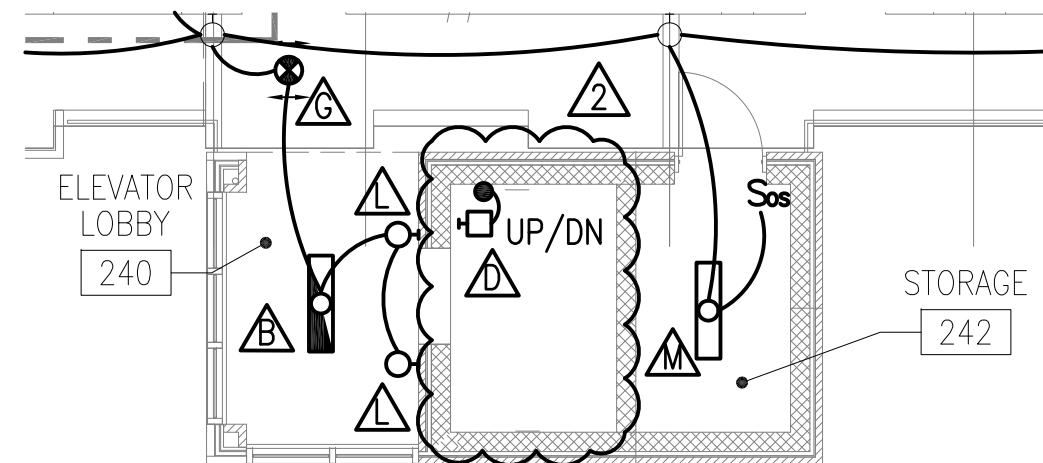


|  |                                   |
|--|-----------------------------------|
| REVISED LUMINAIRE SCHEDULE   |                                   |
| NAVSUPPORT NORTHWEST ANNEX CHESAPEAKE, VA<br>REPAIR AND RENOVATE<br>BARRACKS 351 |                                   |
| THIS DRAWING REVISES IN PART DRAWING NO.<br>12715933                             | SUPPLEMENTAL DRAWING NO.<br>SKE-6 |



## PARTIAL SECOND FLOOR PLAN - AREA B - LIGHTING

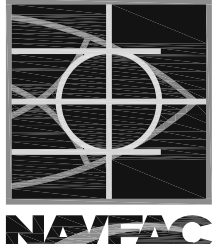
SCALE: 1/8" = 1'-0"



## PARTIAL THIRD FLOOR PLAN - AREA B - LIGHTING

SCALE: 1/8" = 1'-0"

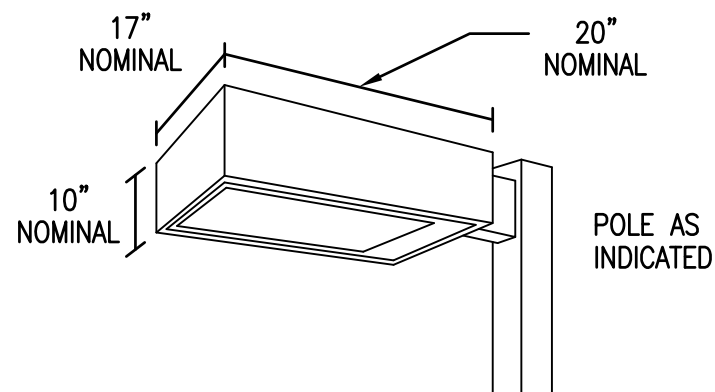
FILE NAME: P:\15047 Bldg 351 NW\CAD\Bldg\1293116-E-102.dwg LAYOUT NAME: Layout1 PLOTTED: Tuesday, May 24, 2016 - 9:54am

|  |                 |   |   |  |
|--|-----------------|---|---|--|
| DEPARTMENT OF THE NAVY<br>NAVAL FACILITIES ENGINEERING COMMAND<br>NAVFAC MIDLANT<br>HAMPTON ROADS IPT<br>NAVAL STATION NORFOLK, VIRGINIA |                 |  | REVISED LIGHTING IN ELEVATOR SHAFT        |  |
| E PROJECTS NO.: 1293116  |                 |   | NAVSUPPORT NORTHWEST ANNEX CHESAPEAKE, VA |  |
| MAXIMO NO.:  |                 |   | REPAIR AND RENOVATE                       |  |
| JOB NO.:   |                 |   | BARRACKS 351                              |  |
| CHECKED: TBS   | DATE: 5/20/2016 | THIS DRAWING REVISES IN PART DRAWING NO.<br>12715940, 12715941                        | SUPPLEMENTAL DRAWING NO.                  |  |
| DRAWN: SLP   | QC: TBS         |   | SKE-7                                     |  |

REVISION: 12 AUGUST 2004

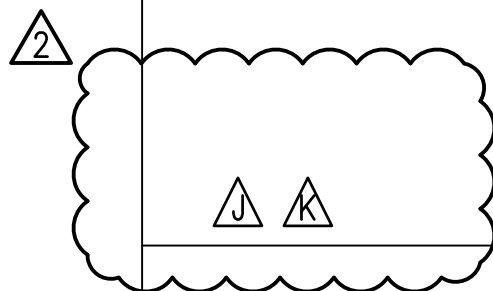


FILE NAME: P:\15047 Bldg 351 NW\CAD\Bldg0351-1293116-E-502.dwg LAYOUT NAME: SKE-8 PLOTTED: Tuesday, May 24, 2016 - 9:52am



LUMINAIRE REQUIREMENTS:

1. HOUSING – EXTRUDED ALUMINUM OR FABRICATED DIE-FORMED ALUMINUM WITH SEALED AND WELDED SEAMS.
2. FINISH – MULTI-STAGE PRE-TREATMENT, FINISHED WITH BAKED-ON POLYESTER POWDER COAT. OPTIONAL ARCHITECTURAL CLASS 1 ANODIZE FINISH AVAILABLE AS INDICATED. FIXTURE SHALL PASS 2500 HOUR SALT SPRAY TEST FOR CORROSION RESISTANCE. DARK BRONZE OR BLACK STANDARD FINISH. OTHER FINISHES AVAILABLE AS INDICATED.
3. LIGHT ENGINE – LED BOARD(S) WITH INDIVIDUAL OPTICS MODULES TO ACHIEVE DESIRED OUTPUT & DISTRIBUTION. DISTRIBUTION & MINIMUM LUMEN OUTPUT AS NOTED ON SCHEDULE.
4. DRIVER – 0-10V DIMMING OR STEP DIMMING. >0.9 POWER FACTOR, <20% THD 120-277 V
5. CERTIFICATION – UL LISTED AND CERTIFIED FOR WET LOCATIONS. LM79/LM80 COMPLIANT. IP65 RATED.
6. OPTIONS – PHOTOCELL AND RECEPTACLE, CUSTOM COLOR AS INDICATED, FUSING & HOUSE-SIDE SHIELD.

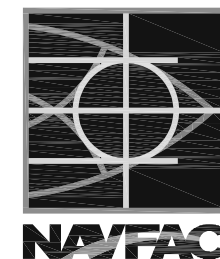


LED AREA LUMINAIRE

LIGHTING PLATE:

VGX-5

|  |                 |
|--|-----------------|
| DEPARTMENT OF THE NAVY<br>NAVAL FACILITIES ENGINEERING COMMAND<br>NAVFAC MIDLANT<br>HAMPTON ROADS IPT<br>NAVAL STATION NORFOLK, VIRGINIA |                 |
| E PROJECTS NO.: 1293116  |                 |
| MAXIMO NO.:  |                 |
| JOB NO.:   | DATE: 5/20/2016 |
| CHECKED: TBS   | DESIGNED: SLP   |
| DRAWN: SLP   | QC: TBS         |



REVISED LUMINAIRE DETAIL

NAVSUPPORT NORTHWEST ANNEX CHESAPEAKE, VA  
REPAIR AND RENOVATE  
BARRACKS 351

THIS DRAWING REVISES IN PART DRAWING NO.

12715951

SUPPLEMENTAL DRAWING NO.

SKE-8